Title (en)

DIHYDROPYRIDINES

Publication

EP 0106462 A3 19840530 (EN)

Application

EP 83304954 A 19830826

Priority

GB 8225246 A 19820904

Abstract (en)

[origin: EP0106462A2] 1,4-Dihydropyridine derivatives of the formula:-and their pharmaceutically acceptable acid addition salts; whereR is aryl or heteroaryl;R¹ and R² are each independently C₁-C₄ alkyl or 2-methoxyethyl;Y is -(CH₂)₂-, -(CH₂)₃-, -CH₂CH(CH₃)- or -CH₂C(CH₃)₂-;R³ is hydrogen or a group selected from:-where R⁴ is H, C₁-C₄ alkyl, C₃-C₆ cycloalkyl, -COO(C₁-C₄ alkyl), -CH₂COO(C₁-C₄ alkyl), aryl, -S0₂.aryl, or heteroaryl, and X is 0 or S;where R⁵ is 1-pyrrolidinyl, -NH₂, -NH(C₁-C₄ alkyl), -N/C₁-C₄ alkyl)₂, or -NH(CH₂)₂N(C₁-C₄ alkyl)₂;where R⁶ is C₁-C₄ alkyl or aryl;where R⁷ is -CONH(C₁-C₄ alkyl) or -COO(C₁-C₄ alkyl);where R⁸ is -CN, -SO₂(C₁-C₄ alkyl) or -SO₂ aryl;(h) -CH₂CO.R⁹ where R⁹ is -NH₂, -NH(C₁-C₄ alkyl), -NH.aryl or C₁-C₄ alkoxy; (i) -SO₂.R¹⁰ where R¹⁰ is -NH₂, -N(C₁-C₄ alkyl)₂ or C₁-C₄ alkyl; and(j) -CO.R" where R" is H, halomethyl, -COO(C₁-C₄ alkyl), -CH₂O(C₁-C₄ alkyl), -CH₂CO(C₁-C₄ alkyl), C₁-C₄ alkyl, C₁-C₄ alkoxy, aryl, heteroaryl, morpholino or 5-oxo-pyrrolidin-2-yl.The compounds have utility as anti-ischaemic and antihypertensive agents.

IPC 1-7

C07D 211/90; C07D 401/12; C07D 407/12; C07D 417/12; A61K 31/445

IPC 8 full level

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CPC (source: EP KR US)

A61P 3/00 (2017.12 - EP); **A61P 9/06** (2017.12 - EP); **A61P 9/08** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **C07D 211/90** (2013.01 - EP US); **C07D 295/088** (2013.01 - EP US); **C07D 401/12** (2013.01 - EP KR US); **C07D 407/12** (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US)

Citation (search report)

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